

IN THE CLAIMS

1-9 (Canceled)

10. (Currently Amended) A method for embedding chat functions in a Web page, comprising:

in response to a command received by a computer, establishing a browser region including a browser frame controlled by a browser client on a display device;

establishing a chat region controlled by a chat client within the browser region on the display device contemporaneously with the browser region, the chat region being a real time continuously open bi-directional communications chat region synchronized with the browser region;

in response to receiving chat content including a link to a web page, the chat client effecting displaying of the chat content in the chat region;

in response to detecting selection, by a user of the display device, of the link displayed in the chat region, the chat client invoking the browser client with the link; and

in response to the invoking, the browser client obtaining from a server the web page that corresponds to the link and displaying the obtained web page in the browser frame region.

11. (Previously presented) The method of Claim 10 further comprising:
displaying the chat region and the browser region simultaneously on the display device; and

allowing a user to concurrently perform a chat function, a browser function or both.

12. (Previously presented) The method of Claim 10 wherein the establishing comprises:

in response to the command received by the computer, establishing the browser and chat regions on the display device, the command being received by the computer from a user or a computer network.

13. (Previously presented) The method of Claim 10 and comprising:

with a chat client resident on the computer, processing chat content using a chat server for display in the chat region; and

with a browser resident on the computer, processing a document or other content using a browser server for concurrent display in the browser region.

14. (Original) The method of Claim 13 and comprising: linking the chat client to the browser so that the chat client controls the content displayed in the browser region.

15. (Original) The method of Claim 14 wherein the linking comprises:

linking the chat client to the browser through an application program interface of the browser.

16. (Original) The method of Claim 15 and comprising:

in response to the chat content received by the computer, invoking the chat client through the application program interface, so that the chat content is displayed in the chat region.

17. (Original) The method of Claim 16 wherein the invoking comprises:

in response to the chat content received by the computer, invoking the chat client through the application program interface, so that the chat content is displayed in the chat region, the chat content being of a particular MIME type.

18. (Original) The method of Claim 16 wherein the invoking comprises:

in response to the chat content received by the computer, invoking the chat client through the application program interface, so that the chat content is displayed in the chat region, the chat client including a file having a particular extension.

19. (Original) The method of Claim 15 wherein the linking comprises:

linking the chat client to the browser through the application program interface, the application program interface being implemented as a plug-in architecture.

20. (Original) The method of Claim 15 wherein the linking comprises:

linking the chat client to the browser through the application program interface, the application program interface being implemented as an ActiveX architecture.

21. (Original) The method of Claim 10 and comprising:

in response to chat content received by the computer, displaying the chat content in the chat region.

22. (Original) The method of Claim 21 and comprising:

in response to browser content received by the computer, displaying the browser content in the chat region.

23. (Original) The method of Claim 22 wherein the displaying comprises:
in response to the browser content received by the computer, displaying the browser content in the browser region, the browser content including a markup language document.

24. (Original) The method of Claim 22 wherein the displaying comprises:
in response to the browser content received by the computer, displaying the browser content in the browser region, the browser content including an HTML document.

25. (Original) The method of Claim 10 wherein the establishing comprises:
establishing the chat region embedded in the Web page; and
establishing the Web page embedded in the browser region.

26. (Original) The method of Claim 10 wherein the establishing comprises:
in response to the command, establishing the browser and chat regions on the display device, the command including a markup language command.

27. (Original) The method of Claim 10 wherein the establishing comprises:
in response to the command, establishing the browser and chat regions on the display device, the command including an HTML command.

28. (Currently Amended) A system for embedding chat functions in a Web page,
the system being connected to a computer network and comprising:

a display device; and

a computer including a browser client and a chat client and responsive to a command, for establishing a browser region including a browser frame controlled by the browser client on the display device and establishing a chat region controlled by the chat client within the browser region on the display device contemporaneously with the browser region, and wherein the chat region and the browser region are concurrently displayed, the chat region being a real time continuously open bi-directional communications chat region synchronized with the browser region;

the chat client responsive to receiving chat content including a link to a web page, for effecting displaying of the chat content in the chat region, and responsive to detecting selection by a user of the display device of the link displayed in the chat region, for invoking the browser client with the link; and

the browser client responsive to the invoking, for obtaining from a server the web page that corresponds to the link and for displaying the obtained web page in the browser frame region.

29. (Previously presented) The system of Claim 28 wherein the computer, in response to a command, performs a chat function, a browser function, or both.

30. (Previously presented) The system of Claim 28 wherein the command is from a user or a computer network.

31. (Previously presented) The system of Claim 28 wherein the computer is for:
with a chat client resident on the computer, processing chat content using a chat server for display in the chat region; and

with a browser server concurrent display in the browser region.

32. (Original) The system of Claim 31 wherein the chat client is linked to the browser so that the chat client controls the content displayed in the browser region.

33. (Original) The system of Claim 32 wherein the chat client is linked to the browser through an application program interface of the browser.

34. (Original) The system of Claim 33 wherein the computer is for:
in response to the chat content received by the computer, invoking the chat client through the application program interface, so that the chat content is displayed in the chat region.

35. (Original) The system of Claim 34 wherein the chat content is of a particular MIME type.

36. (Original) The system of Claim 34 wherein the chat client includes a file having a particular extension.

37. (Original) The system of Claim 33 wherein the chat client includes a file having a particular extension.

38. (Original) The system of Claim 33 wherein the application program interface is implemented as an ActiveX architecture.

39. (Original) The system of Claim 28 wherein the computer is for:
in response to chat content received by the computer, causing the display device to display the chat content in the chat region.

40. (Original) The system of Claim 39 wherein the computer is for:
in response to browser content received by the computer, causing the display device to display the browser content in the browser region.

41. (Original) The system of Claim 40 wherein the browser content includes a markup language document.

42. (Original) The system of Claim 40 wherein the browser content includes an HTML document.

43. (Original) The system of Claim 40 wherein the computer network includes first and second servers, the command being from the first server, and the browser content being from the second server.

44. (Original) The system of Claim 43 wherein the first server is integral with the second server.

45. (Original) The system of Claim 28 wherein the computer is for:
establishing the chat region embedded in the Web page; and
establishing the Web page embedded in the browser region.

46. (Original) The system of Claim 28 wherein the command includes a markup language command.

47. (Original) The system of Claim 28 wherein the command includes an HTML command.

48. (Previously Presented) A computer program product stored on a tangible medium and comprising:

a computer application stored on the tangible medium processable by at least one computer for causing the at least one computer to perform the method of one of claims 10-27 or 66 or 84-97.

49-65 (Canceled)

66. (Previously Presented) The method of Claim 10 wherein the browser frame displays a Web page.

67. (Original) The system of Claim 28 wherein the browser frame displays a Web page.

68. (Canceled)

69. (Previously Presented) The method of Claim 10 further comprising:
controlling the browser region, except for contents of the chat region displayed on the display device, by a browser client;

controlling contents of the chat region by a chat client;

the browser client displaying web pages within the browser region contemporaneously with the chat client displaying chat text within the chat region such that the chat region and the browser region and their contents are displayed concurrently;

the browser client communicating the web pages with a browser server via a first communications connection; and

the chat client communicating the chat text with a chat server via a second communications connection that is a real time continuously open bi-directional communications connection.

70. (Previously Presented) The system of Claim 28 wherein

the browser region is controlled by a browser client except for contents of the chat region displayed on the display device, contents of the chat region displayed on the display device are controlled by a chat client, the browser client displays web pages within the browser region contemporaneously with the chat client displaying chat text within the chat region and wherein the chat region and the browser region and their contents are concurrently displayed, the browser client communicates the web pages with a browser server via a first communications connection, and the chat client communicates the chat text with a chat server via a second communications connection that is a real time continuously open bi-directional communications connection.

71. (Previously Presented) The product of Claim 48 wherein the computer application causes the computer to:

control the browser region, except for contents of the chat region displayed on the display device, by a browser client;

control contents of the chat region by a chat client;

display web pages by the browser client within the browser region contemporaneously with displaying chat text by the chat client within the chat region, such that the browser region and the chat region and their contents are displayed concurrently on the display device;

communicate the web pages by the browser client with a browser server via a first communications connection; and

communicate the chat text by the chat client with a chat server via a second communications connection that is a real time continuously open bi-directional communications connection.

72. (Previously Presented) The method of claim 69 further comprising:

linking the chat client with the browser client by an interface in the computer:

the chat client requesting the browser client via the interface to obtain a particular web page specified by the chat client; and

the browser client responding to the request by obtaining the particular web page through the first connection and displaying the particular web page in the browser region.

73. (Previously presented) The method of claim 72 wherein:

the requesting comprises

the chat client detecting a user of the computer selecting a hyperlink in the chat text displayed in the chat region; and

the chat client requesting the browser client to obtain the particular web page in response to the detecting.

74. (Previously presented) The method of claim 72 further comprising:
the browser client requesting, via the first connection, a chat server to connect the chat client to a particular chat session specified by the browser client; and
in response to the chat server connecting the chat client to the particular chat session via the second connection, the chat client displaying the chat text of the particular chat session in the chat region.

75. (Previously Presented) The system of claim 74 wherein:
the requesting comprises
the browser client detecting a user of the computer selecting a chat hyperlink in the web page displayed in the browser region; and
the browser client requesting the chat server to connect the particular chat session in response to the detecting.

76. (Previously Presented) The system of claim 70 further comprising:
an interface in the computer linking the chat client with the browser client, the interface enabling the chat client to request the browser client to obtain via the first connection and to display in the browser region a particular web page specified by the chat client.

77. (Previously presented) The system of claim 72 wherein:
the chat client effects the request in response to a user of the computer selecting a hyperlink in the chat text displayed in the chat region.

78. (Previously presented) The system of claim 76 wherein:

the browser client is enabled to request, via the first connection, a chat server to connect, via the second connection, the chat client to a particular chat session specified by the browser client.

79. (Previously Presented) The system of claim 78 wherein:

the browser client effects the request in response to a user of the computer selecting a chat hyperlink in the web page displayed in the browser region.

80. (Previously Presented) The product of claim 71 wherein the computer application further causes the computer to:

link the chat client with the browser client by an interface in the computer;

request the browser client by the chat client via the interface to obtain a particular web page specified by the chat client:

obtain the particular web page by the browser client through the first connection and display the particular web page in the browser region in response to the request.

81. (Previously presented) The product of claim 80 wherein the computer application causes the computer to:

detect a user of the computer selecting a hyperlink in the chat text displayed in the chat region; and

request the browser client by the chat client to obtain the particular web page in response to the detection.

82. (Previously presented) The product of claim 80 wherein the computer application causes the computer to:

request, by the browser client via the first connection, a chat server to connect the chat client to a particular chat session specified by the browser client; and

display the chat text of the particular chat session in the chat region by the chat client, in response to the chat server connecting the chat client to the particular chat session via the second connection.

83. (Previously Presented) The product of claim 82 wherein the computer application causes the computer to:

detect a user of the computer selecting a chat hyperlink in the web page displayed in the browser region; and

request the chat server by the browser client to connect the particular chat session.

84. (Previously Presented) The method of Claim 10 wherein

the received chat content is a chat content of a first chat session, and

the displayed obtained web page includes a link to a second chat session; and

the method further comprises

in response to detecting selection by the user of the link to the second chat session in the displayed web page, receiving and displaying in the chat region a chat content of the second chat session.

85. (Previously Presented) The method of Claim 10 further comprising:

displaying a chat content of a first chat session in the chat region;

simultaneously displaying a web page including a link to a second chat session in the browser region; and

in response to detecting selection by the user of the link to the second chat session in the displayed web page, ceasing to receive and display in the chat region the chat content of the first chat session and instead receiving and displaying in the chat region a chat content of the second chat session.

86. (Previously Presented) The method of Claim 10 further comprising:

in response to detecting selection by the user of a target, requesting from at least one server a chat content of a chat session associated with the target and a web page associated with the target;

in response to the request, receiving from the at least one server the chat content of the chat session associated with the target and the web page associated with the target; and

in response to the receiving, displaying the chat content of the chat session associated with the target in the chat region and simultaneously displaying the web page associated with the target in the browser region.

87. (Previously Presented) The method of Claim 86 wherein:

detecting selection by the user of the target comprises

one of (a) detecting the user's invocation of a command selecting the target or (b) detecting the user's selection of a link to the target in either the displayed web page or the displayed chat content.

88. (Previously Presented) The method of Claim 10 wherein the display device is a first display device, the method further comprising:

receiving a chat content of a first chat session at both the first display device and a second display device distinct from the first display device;

in response to the receiving, both display devices displaying the received chat content of the first chat session;

in response to detecting one of the user of the first display device or a user of the second display device invoking a follow command and a first target, both display devices receiving and displaying a chat content of a second chat session associated with the first target and a web page associated with the first target; and

in response to detecting another of the user of the first display device or the user of the second display device invoking a stop command followed by the one user selecting a second target, the display device of the one user receiving and displaying a chat content of a chat session associated with the second target and a web page associated with the second target while the display device of the other user continues to receive and display the chat content of the chat session associated with the first target and the web page associated with the first target.

89. (Previously Presented) The method of Claim 10 wherein the display device is a first display device, the method further comprising:

receiving a chat content of a first chat session at both the first display device and a second display device distinct from the first display device;

in response to the receiving, both display devices displaying the received chat content of the first chat session;

in response to detecting one of the user of the first display device or a user of the second display device invoking a suggest command and a first web page, both display

devices receiving and displaying the first web page while continuing to receive and display the chat content of the first chat session.

90. (Previously Presented) The method of Claim 10 wherein the display device is a first display device, the method further comprising:

receiving a chat content of a first chat session at both the first display device and a second display device distinct from the first display device;

in response to the receiving, both display devices displaying the received chat content of the first chat session;

in response to detecting one of the user of the first display device or a user of the second display device invoking a move command and a first target, the display device of another of the user of the first display device or the user of the second display device receiving and displaying a chat content of a second chat session associated with the first target and a web page associated with the first target, while the display device of the one user continues to receive and display the chat content of the first chat session.

91. (Previously Presented) The system of Claim 28 wherein:

the received chat content is a chat content of a first chat session;

the displayed obtained web page includes a link to a second chat session; and

the browser in further responsive to detecting selection by the user of the link to the second chat session in the displayed web page, for effecting receipt and display in the chat region of a chat content of the second chat session.

92. (Previously Presented) The system of Claim 28 wherein:

the chat client and the browser client are further for displaying a chat content of a first chat session in the chat region simultaneously with displaying a web page including a link to a second chat session in the browser region; and

the browser client is responsive to detecting selection by the user of the link to the second chat session in the displayed web page, for effecting receipt and display in the chat region of a chat content of the second chat session.

93. (Previously Presented) The system of Claim 28 wherein:

at least one of the chat client and the browser client is responsive to detecting selection by the user of a target, for requesting from at least one server a chat content of a chat session associated with the target and a web page associated with the target; and

the chat client and the browser client are responsive to receiving, from the at least one server in response to the request, a chat content of the chat session associated with the target and the web page associated with the target, for displaying the chat content of the chat session associated with the target in the chat region simultaneously with displaying the web page associated with the target in the browser region.

94. (Previously Presented) The system of Claim 28 wherein:

the at least one of the chat client and the browser client is for one of (a) detecting the user's invocation of a command selecting the target or (b) detecting the user's selection of a link to the target in either the displayed web page or the displayed chat content.

95. (Previously Presented) The system of Claim 28 further comprising:

a second display device, and

a second said computer, for establishing a browser region and a chat region on the second display device; wherein

each said computer is responsive to receipt of a chat content of a first chat session by displaying the received chat content of the first chat session on its corresponding said display device,

the computers are responsive to invocation at one of the computers of a follow command and a first target prior to invocation at another of the computers of a stop command, for receiving and displaying each on its corresponding said display device a chat content of a second chat session associated with the first target and a web page associated with the first target;

the one computer is responsive to selection at the one computer of a second target following invocation at the other computer of the stop command, for receiving and displaying on the one computer's corresponding said display device of a chat content of a chat session associated with the second target and a web page associated with the second target, and

the other computer is not responsive to selection at the one computer of the second target following invocation at said other computer of the stop command, so that said other computer continues to receive and display on said other computer's corresponding said display device the chat content of the chat session associated with the first target and the web page associated with the first target.

96. (Previously Presented) The system of Claim 28 further comprising:

a second display device, and

a second said computer, for establishing a browser region and a chat region on the second display device; wherein

each said computer is responsive to receipt of a chat content of a first chat session, for displaying the received chat content of the first chat session on its corresponding said display device, and

the computers are responsive to invocation at one of the computers of a suggest command and a first web page, for receiving and displaying each on its corresponding said display device the first web page while continuing to receive and display the chat content of the first chat session.

97. (Previously Presented) The system of Claim 28 further comprising:

a second display device, and

a second said computer, for establishing a browser region and a chat region on the second display device; wherein

each said computer is responsive to receipt of a chat content of a first chat session, for displaying the received chat content of the first chat session on its corresponding display device,

one of the computers is responsive to invocation at the one computer of a move command and a first target, for continuing to receive and display on its corresponding said display device the chat content of the first session, and

another of the computers is responsive to the invocation at the one computer of the move command and the first target, for receiving and displaying on its corresponding said display device a chat content of a second chat session associated with the first target and a web page associated with the first target.